

REMARKS

Reconsideration of this application as amended is respectfully requested.

In the Office Action, claims 1-19 were pending and were rejected. In this response, no claim has been canceled. Claims 1-5, 7-15, and 17-19 have been amended. In addition, new claims 20-25 have been added. Thus, claims 1-25 remain pending. No new matter has been added.

Claims 1-19 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-20 of co-pending Application No. 09/826,219. Applicant defers response until such time or the rejection is no longer provisioned. If such a rejection is maintained, a terminal disclaimer will be submitted when the present application is in condition of allowance.

Claims 1 and 19 are objected to because of the following informalities: the use of “environment/context” on lines 10 and 11 of the respective claims is misleading. In view of foregoing amendments, it is respectfully submitted that the objections have been overcome.

Claims 1, 3-5, 8-11, 13-15, and 18-19 are rejected under 35 U.S.C. § 102(b) as being anticipated by O'Connell (U.S. Patent No. 5,991,882, hereinafter “O'Connell”). It is respectfully submitted that claims 1-25 as amended include limitations that are not disclosed by O'Connell. Specifically, independent claim 1 as amended recites as follows:

1. A method comprising:
providing prerequisite information regarding page sub-components of a graphical user interface (GUI) that are prerequisites to other page sub-components of the GUI;
in response to a request for a destination page of the GUI and with reference to the prerequisite information, instantiating a container object corresponding to the requested destination page of the GUI;
the container object identifying one or more page sub-component prerequisites of page sub-components associated with the destination page by invoking an execution of a method of the container object;

the container object determining whether one or more requirements of an instance of an identified page sub-component prerequisite have been satisfied by invoking a method of a component object corresponding to the instance that causes stored information regarding the state of the page sub-component prerequisite to be retrieved from a current component object, the component object being a child object of the container object; and

causing the destination page to be displayed with (1) content associated with the identified page sub-component prerequisite if any of its one or more requirements have not been satisfied and (2) content associated with those of the page sub-components having no page sub-component prerequisites or having page sub-component prerequisites whose requirements have all been satisfied by invoking an execution of a method of the corresponding component object to stream the content to the container object.

(emphasis added)

As set forth above, independent claim 1 as amended includes in response to a request to a destination page, instantiating a container object and identifying the prerequisites of the sub-components of the page by invoking a method of the container object. The container object determines whether the prerequisites have been satisfied by invoking a method of the respective sub-component object and displays the sub-components or the further prerequisites of the sub-components by invoking a method of the sub-components to stream out those information to the container object. It is respectfully submitted that the above limitations are absent from O'Connell.

Rather, O'Connell is related to an automated system to resetting a password of a user by presenting a question (e.g., a hint) to the user and if the user answers the question correctly, the password of the user will be reset (see, Abstract and Summary of O'Connell). The Examiner contends that by comparing the answer of the question with the one stored, section of col. 3, lines 29-32 and 45-50 of O'Connell reads on the limitation of invoking a method of an object (see, 5/6/2004 Office Action, page 4). Applicant respectfully disagrees.

The cited section of O'Connell merely describes that the password reset information is stored in a file for each user and a router determines whether the answer is correct (see, col. 3,

lines 29-32 and 45-50 of O'Connell). However, such description still fails to disclose or suggest processing prerequisites of a Web page using an object-oriented techniques, particularly, using a container object as a parent object having one or more component objects as child objects, for example, in a hierarchical structure as recited in claims 20-22, where certain operations are performed by invoking a method of a particular object corresponding to those operations. It is respectfully submitted that O'Connell fails to disclose or suggests the limitations set forth above. Therefore, it is respectfully submitted that independent claim 1 is not anticipated by O'Connell.

Similarly, independent claims 10-11 and 19 include limitation similar to those discussed above. Thus, for the reasons similar to those discussed above, it is respectfully submitted that independent claims 10-11 and 19 are not anticipated by O'Connell.

Given that dependent claims 2-9, 12-18, and 20-25 depend from one of the above independent claims, for at least the reasons similar to those discussed above, it is respectfully submitted that dependent claims 2-9, 12-18, and 20-25 are not anticipated by O'Connell.

Claims 2 and 12 are rejected under 35 U.S.C. § 103(a) as being unpatentable over O'Connell in view of Zerber (U.S. Patent No. 6,175,877, hereinafter "Zerber"). Claims 6 and 16 are rejected under 35 U.S.C. § 103(a) as being unpatentable over O'Connell in view of Brown et al. (U.S. Patent No. 6,073,119, hereinafter "Brown"). Claims 7 and 17 are rejected under 35 U.S.C. § 103(a) as being unpatentable over O'Connell in view of Miller et al (U.S. Patent No. 5,550,968, hereinafter "Miller").

Zerber is related to inter-applet communication within a Web browser. Brown is related to customer access solutions architecture. Miller is related to method and system for providing access security of a GUI. It is respectfully submitted that none of the cited references, individually or in combination, discloses or suggests the limitations set forth above

in the description of the previous rejection. There is no suggestion within the cited references to combine the above cited references. It would be impermissible hindsight, based on Applicant's own disclosure, to combine such cited references. Even if they were combined, such a combination would still lack the limitations set forth above. Therefore, for at least the reasons set forth above, it is respectfully submitted that claims 1-25 are patentable over the cited references. Withdrawal of the rejections is respectfully requested.

In addition, with respect to claims 2 and 12, it is respectfully submitted that Zerber fails to disclose or suggest using a Java properties file to store prerequisites of one or more components of a Web page. Particularly, neither O'Connell nor Zerber discloses or suggests how the prerequisite information stored in the Java properties file is processed as recited in claim 2.

Furthermore, with respect to claims 4-5 and 14-15, these claims are related to specific formats of the prerequisite information stored in a Java properties file according to certain embodiments. The Examiner contends that section of col. 6, lines 49-63 of O'Connell discloses such limitations (see, 5/6/2004 Office Action, page 6). Applicant respectfully disagrees.

The cited section of O'Connell merely describes an HTML file format rather than a Java properties file containing prerequisite information of the components of a Web page in the formats set forth in claims 4-5 and 14-15. The cited section of O'Connell does not appear to be related to prerequisites of sub-components of a Web page, particularly, in certain formats set forth in claims 4-5, 14-15, and 23-25. In order to anticipate a claim each and every limitations of the claim must be taught by the cited reference. It is respectfully submitted that O'Connell fails to disclose or suggest the limitations set forth above. Therefore, in addition to those as applied to their respective independent claims,

independently, the above dependent claims are not anticipated and are patentable over the cited references.

In view of the foregoing, Applicant respectfully submits the present application is now in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call the undersigned attorney at (408) 720-8300.

Please charge Deposit Account No. 02-2666 for any shortage of fees in connection with this response.

Respectfully submitted,

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